FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: F00145530-A **Type of Permit:** FILMING **Release Date:** 11/27/2018

Production Company MAKER OF THINGS INC

Insured Company Name MAKER OF THINGS INC
Contact Phone No. 1 310-493-4596
Contact Phone No. 2
Fax
Address 2629 FOOTHILL BLVD, STE 286
LA CRESCENTA, California 91214

Production Title OPTIMIZE

Type of Production Commercial - Internet

Producer David Cho

Director Clark Jackson

1st AD n/a n/a

Production Manager Kevin Chang

FilmL.A. Coordinator Tara Kramer

Location Manager David Cho
Primary Phone Mobile - 310-447-2236
Secondary Phone

Location Assistant n/a n/a
Primary Phone Mobile - n/a
Secondary Phone

Fees

Total Permit Fee $0.00

Number of Locations 1

NOT A PERMIT

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Summary Information — Location

Permit Number	F00145530-A	**Location Manager**	David Cho
Production Company	MAKER OF THINGS INC	Primary Phone	Mobile - 310-447-2236
Insured Company	MAKER OF THINGS INC	Secondary Phone	
Production Title	OPTIMIZE		

Location Address 14499 E Avenue Q, Unincorporated Los Angeles County, CA, 93591

Location Name FOUR ACES MOVIE RANCH

Location Type Ranch

Film Dates 11/28/2018 - 11/29/2018 07:00 - 22:00 2 days

Open or Closed to the Public Closed

Generic Conditions
*LA CITY AND/OR LA COUNTY FIRE CHECKLIST ATTACHED TO FINAL PERMIT. THE PERMITTEE IS RESPONSIBLE FOR COMPLETING CHECKLIST PRIOR TO FILMING ACTIVITY AT THIS LOCATION. NON COMPLIANCE MAY RESULT IN ASSIGNMENT OF A FIRE OFFICER.
All vehicles must be parked on private property
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA (UAS): UAS Operator must conform with all FAA Regulations
FAA: Aviation activity will be conducted within normal FAA established guidelines.
FAA: Company must notify LASD AERO BUREAU at least 1/2 hour prior to activity, aerosgtnotification@lasd.org 562.421.2701.
FAA: LASD AERO BUREAU has been notified of aerial activity.
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets

Please see attached documents
UAS Cert FA3NH93AYC.pdf
UAS Cert FA349MKNLH.pdf
sUAS Evan Urman license.pdf
Drone_Questionnaire_v3 (3) (1).pdf
Optimize Flight Plan (1).pdf
The Four Aces Filming Boundary Map.pdf
CUP. 14499 E Avenue Q_ FOUR ACES. 9.28.2017.pdf
The Four Aces Environmental Educ Prog_compressed.pdf

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Summary Information — Location

Permit Number F00145530-A
Production Company MAKER OF THINGS INC
Insured Company MAKER OF THINGS INC
Production Title OPTIMIZE

Location Manager David Cho
Primary Phone Mobile - 310-447-2236
Secondary Phone

Equipment on Location

Type	Quantity
Camera cars	15
Fire Extinguisher (2A10BC Minimum Rating)	2
Motor Homes	1
Picture vehicles	1
Vans	1

Personnel on Location

Type	Quantity
Cast	2
Crew	20
LA County Field Inspection	1

Filming Activities Aerial Photography with remote control aircraft. (UAS); Camera in car; Camera on sticks; Equipment on property; Exterior Dialogue; Exterior establishing shots; Exterior models against scenery; Exterior motion without sound; Handheld equipment; Interior and exterior dialogue; Interior and exterior performance and playback;

Jurisdiction **Political:** Los Angeles County - Supervisor District 5 **Police:** Los Angeles County Sheriff **Fire:** Los Angeles County Fire Department

Thomas Guide **Page:** 4199 **Grid:** C6

Location Notes MUST COMPLY WITH ATTACHED CONDITIONS.

Approvals LOS ANGELES COUNTY PUBLIC WORKS - FINAL APPROVERS Linda Ayers

Coordinator Note COUNTY FIRE #3636 114
FIELD INSPECTION AND (2)2A10BC Extinguishers REQUIRED PER COUNTY FIRE.

Parking

Base Camp
Location Type : Filming Location

Crew Parking
Location Type : Filming Location

NOT A PERMIT

Small UAS Certificate of Registration

Name: Evan Urman

Manufacturer: DJI

Model: Inspire 2

Serial Number: 09YDE3UL040756

Certificate Number: FA3NH93AYC

Issued: 11/20/2018 Expires: 11/20/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Federal Aviation Administration

Small UAS Certificate of Registration

Name: Evan Urman

Manufacturer: DJI

Model: Inspire Raw

Serial Number: W21ADC2302 0886

Certificate Number: FA349MKNLH

Issued: 10/10/2017 Expires: 10/10/2020

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Federal Aviation Administration

I **UNITED STATES OF AMERICA** XI

DEPARTMENT OF TRANSPORTATION ▪ FEDERAL AVIATION ADMINISTRATION

IV NAME

EVAN MICHAEL URMAN

V ADDRESS 13900 FIJI WAY APT 303
MARINA DEL REY CA 90292-6919

U

VI NATIONALITY USA	SEX	HEIGHT	WEIGHT	HAIR	EYES
IVa D.O.B. 23 DEC 1985	M	70	200	BLACK	BROWN

A

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II **REMOTE PILOT**

III CERTIFICATE NUMBER **3995387**

X DATE OF ISSUE **21 APR 2017**

S

XIV

VIII **ADMINISTRATOR**

NOT A PERMIT

FilmL.A. Inc. UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #: #F00145530

Film Date: 11/28/18 - 11/29/18

Production Title: Optimize

Production Company: Maker of Things, LLC

Applicant Name: David Cho

Location Address: 14499 E Avenue Q, LA County, CA, 93591

Hours of UAS Activity: 8AM - 4pm

Location Address #2:

Hours of UAS Activity:

UAS Company Name: Range Productions

UAS ON LOCATION INFORMATION

ANY RESTRICTED AREAS OR TEMPORARY FLIGHT RESTRICTIONS? ☐ YES ☐ NO

UAS Make & Model: DJI Inspire 2

UAS "N" # or registration #: FA3NH93AYC

UAS Make & Model: DJI Inspire Raw

UAS "N" # or registration #: FA349MKNLH

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ■ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS OPERATING AUTHORITY: ☐ 333 EXEMPTION ■ 14 CFR PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command:

Pilot's Phone #:

Name of Visual Observer:

Visual Observer's Phone #:

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of POA with proof of submission to local FSDO
- Copy of Pilot's License

PART 107 REQUIREMENTS

Name of Remote Pilot: Evan Urman

Certificate #: 3995387

Remote Pilot Phone #: 9715064409

Visual Observer: ■ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of UAS Registration Certificate for each UAS listed above
- Description of Planned Operations

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39)
☐ Flight altitude restrictions (§107.51)
☐ Night Flight (§107.29)
☐ Operating from a moving vehicle (§107.25)
☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE
☐ COA
☐ POA
☐ PILOT'S LICENSE
☐ DOCS ATTACHED TO PERMIT
☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE
☐ DOCS ATTACHED TO PERMIT
☐ REMOTE PILOT CERTIFICATE
☐ UAS REGISTRATION CERTIFICATE(S)
☐ WAIVERS
☐ DESCRIPTION OF OPS.
☐ ATC COORDINATOR NOTE

☐ Evan Urman I ASSERT THAT ALL INFORMATION ON THIS FORM IS ACCURATE.

(APPLICANT)

NOT A PERMIT

FLIGHT PLAN

JOB: OPTIMIZE
DATE: 11/29/18 & 11/28/18
TIMES: 8AM - 4PM

MAX ALTITUDE: 350' AGL
RADIUS: Within Red Circle on Map

ACTIVITIES: Drone follows cars and actors on ground for birdseye angles. The set will be closed to the public, flight activites taking place over consenting cast and crew members only. Maximum altitude will not exceed 350' AGL. PIC and crew will be stationed on the ground and maintain visial line of site with SUAV at all times.

CREW MEMBERS:
REMOTE PIC: Evan Urman
GIMBAL OP: Jay Teegardin
VISUAL OBSERVER: Brandon Jelkes

DRAFT PERMIT

Permit #F00145530-A

PERMIT

Boundary of Disturbed Area

APN: 3029-010-009 (4-Aces Movie Ranch)

Printed: Feb 05, 2014

0 70
Feet

Copyright 2013 - Los Angeles County Department of Regional Planning, GIS Section. Note: This map represents a quick representation of spatial imagery or vector layers using GIS-NET3. The map should be interpreted in accordance with the GIS-NET3 Public disclaimer statement. Printed with permission from the Los Angeles County Dept. of Regional Planning. All rights reserved.

The Four Aces
14499 East Ave O, Palmdale, CA 93591
September 28, 2017

APN: 3029-010-009
New Conditional Use Permit (CUP) Approved: R2014-00920 / CUP 201400043
Expires 12/16/2035

- All film, photo, or similar activity shall comply with the following conditions of CUP: 12, 19, 29, 30, 32, 34, 35, 36, 37, 38, and 40.

- All film, photo, or similar activity shall comply with Mitigation Measure 4.3 of Mitigation Monitoring Program.
    - Lessees and Production companies, and/or person (s) in charge of filming, photographic activities shall have a copy of and review the Environmental Education Handout.

- No filming or filming related activities are permitted in areas beyond the existing barbed wire fence separating the disturbed area of the Motion Picture Set from the undisturbed areas of the Big Rock Wash Significant Ecological Area (SEA), as documented during the staff site inspection dated January 23, 2014. No additional expansion, construction or development of the Motion Picture Set may occur; Filming activities shall be limited to the disturbed areas shown on the attached pdf. Map and Revised Exhibit A.

- The owner, tenant or operator shall obtain a film permit for any filming or photography activity, as required by the Los Angeles County Zoning Code and all other applicable County Codes, and shall comply with all conditions imposed therein;

- The necessary guest and staff parking spaces shall be provided on the premises at all times during filming. If parking is provided at a remote off-site location, the Production company, lessee, or operator shall submit the location to FILM LA to be reviewed by Regional Planning

- Should the hours of operation for filming result in excessive vehicular traffic or noise impacting the health, safety and general welfare of adjacent residents, or generate excessive complaints, the Director of Regional Planning reserves the right to modify or alter operating hours;

- The site shall be maintained in good condition, free from any trash and debris or extraneous markings, drawings and/or signage.

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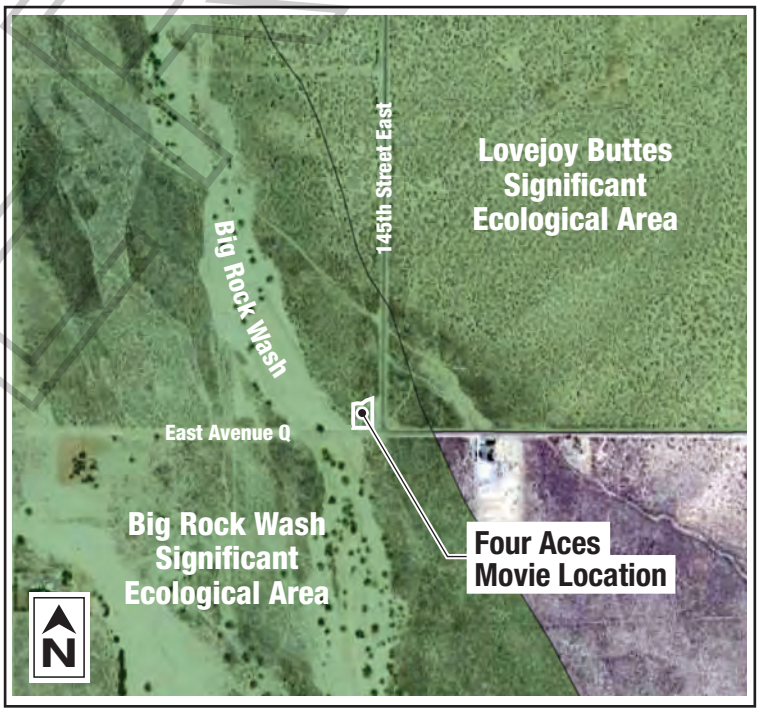
Four Aces Movie Location

Introduction

The Four Aces Movie Location is located in a Significant Ecological Area, which is a designation given by Los Angeles County to land that contains irreplaceable biological resources. Significant Ecological Areas contain rare and sensitive habitats that support valuable plant and wildlife species as well as areas that are important for wildlife movement. Significant Ecological Areas are designed to preserve the biological diversity of the region. Los Angeles County permits the operation of the Four Aces Movie Location within a Significant Ecological Area, provided that the natural habitats in the surrounding area are not encroached upon or disturbed. To protect the important biological resources of the Significant Ecological Area, Los Angeles County requires that all personnel managing or using the Four Aces Movie Location observe the protective measures listed on the second page of this handout.

The Big Rock Wash Significant Ecological Area

The Four Aces Movie Location is located within the Big Rock Wash Significant Ecological Area. Big Rock Wash is a large and relatively undisturbed example of desert wash habitat, which is located to the west of the Four Aces Movie Location. It provides important riparian habitat and an important wildlife migration corridor, as well as a means of seed dispersal for many desert plants. Desert washes typically support much greater species diversity than surrounding upland habitats, and are important to the stability of desert ecosystems. Another important natural habitat within the Big Rock Wash Significant Ecological Area is Joshua tree woodland, which is considered sensitive by the California Department of Fish and Wildlife. The Four Aces Movie Location is surrounded by a Joshua tree woodland, which contains low density of Joshua trees and an understory of saltbush scrub. Both the desert wash and Joshua tree woodland habitats may contain rare and threatened wildlife species, which are protected by State and Federal laws and regulations.



NOT FOR PERMIT

Protective Measures

The sensitive natural habitats of the Big Rock Wash Significant Ecological Area may be easily disturbed by human activities. The encroachment of personnel, vehicles, or domestic pets into the natural habitats surrounding the Four Aces Movie Location could degrade these areas and potentially result in mortality, injury, harassment, or disturbance to protected wildlife species. Also, if disturbed road shoulders or other off-site areas are used for parking, vehicles could potentially injure protected wildlife species that may occur temporarily in these areas. If not properly controlled, light spillover or glare from outdoor lighting and amplified sound within outdoor areas especially if routine or for prolonged periods during nighttime hours could be disruptive to the normal behavior of wildlife and could cause some species to avoid the area. Food-related trash if not properly managed could attract predators to the area in greater than natural numbers, which could have adverse effects on protected wildlife species.

Due to the importance and sensitivity of the biological resources of the Big Rock Wash Significant Ecological Area, the County requires that all personnel managing or using the Four Aces Movie Location observe the following protective measures:

1) All activities associated with use of the Four Aces Movie Location are restricted to the fenced-off cleared/developed area containing the film set, which is shown in red on the figure above.
2) Parking in off-site areas in the vicinity of the film set, such as along road shoulders or within adjacent natural areas is prohibited.
3) Personnel are prohibited from entering the natural habitats within the Significant Ecological Area.
4) Pets must be contained and prevented from entering natural habitats within the Significant Ecological Area.
5) Nighttime lighting must be controlled to prevent light trespass or glare into the natural habitats surrounding the film set.
6) Noise including amplified sound during nighttime hours must be minimized.
7) All food-related trash must be disposed of in predator-proof closed containers.

Observance of these protective measures will ensure that disturbance to biological resources within the Big Rock Wash Significant Ecological Area will be avoided and minimized.

Signature Certification

By signing below I indicate that these environmental education materials have been provided to me, I understand the materials provided, and I will observe the protective measures included herein during the use of the Four Aces Movie Location.

(Print Name)	*(Signature)*	*(Date)*

NOT A PERMIT